

REMARKS

Claims 1-6 are pending in this application. Claims 1-6 stand rejected. By this Amendment, claims 1-6 have been amended. The amendments made to the claims do not alter the scope of these claims, nor have these amendments been made to define over the prior art. Rather, the amendments to the claims have been made to improve the form thereof. In light of the amendments and remarks set forth below, Applicant respectfully submits that each of the pending claims is in immediate condition for allowance.

Claims 1-6 stand rejected under 35 U.S.C. § 112 as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. In accordance with the Examiner's remarks, to more clearly define the invention, Applicant has amended claims 1-6. As a result, Applicant requests that the Examiner withdraw the rejection under 35 U.S.C. § 112.

Claim 1 now explicitly recites that the gain controller is for use with a DS-CDMA multi-user interference canceller/demodulator unit. Claim 2 has been amended to recite the gain controller according to claim 1. Claim 3 also recites the interference canceller/demodulator unit and clarifies that the variable gain amplifier is controlled by a first control signal from an AGC controller and that the reception quality collection section generates a control signal for the AGC controller to correct the current gain of the variable gain amplifier. Claim 4 is amended so that it recites the AGC controller. Claim 5 has been amended to clarify that the gains are controlled on the basis of the evaluation of the comparison results. Finally, claim 6

Application No.: 09/464,167

Docket No.: S1905.0091/P091

is amended to recite the method according to claim 5 wherein an AGC controller generates a control signal. In light of the amendments above, Applicant respectfully requests withdrawal of the rejection.

Applicant has responded to all of the rejections and objections recited in the Office Action. Reconsideration and a Notice of Allowance for all of the pending claims are therefore respectfully requested.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

If the Examiner believes an interview would be of assistance, the Examiner is welcome to contact the undersigned at the number listed below.

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Respectfully submitted,

By

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